

RDM™

Retail Deposit Module



HIGH-SPEED DEPOSIT

- Secure deposits at 6 notes per second

BULK NOTE FEED

- 250-note capacity reduces load frequency

FLEXIBLE CONFIGURATION

- Easy integration to the top or inside of an intelligent deposit safe

FULL NOTE SCANNING

- High acceptance, dye stain detection, serial number reading, and superior counterfeit rejection

ONE-WAY TRANSPORT PATH

- Highly reliable transport path

THE NEW RDM-100 IS A HIGH-SPEED, SHORT-EDGE BANKNOTE VALIDATION MODULE.

Perfect for financial deposit, intelligent safe deposit, and behind-the-counter applications, the RDM-100's full width image scanning allows for superior banknote validation, dye stain note detection and serial number reading. Its innovative design allows for easy integration to the top or inside of an intelligent deposit safe, and its one-way transport provides high-speed processing at 6 notes per second with a high-reliability transport path. The RDM-100 has optional built-in slide rails with multiple transport access points to allow for easy maintenance.

GENERAL SPECIFICATIONS

Acceptance Rate

99% or greater

Banknote Types Accepted

Long edge 110-177mm (4.33-6.96")
Short edge 60-85mm (2.36-3.35")

Insertion Direction

Banknote: Four-way

Bulk Note Feed Capacity

250 notes maximum
(1 to 250 notes)

Return Note Tray Capacity

20 notes maximum
(software configurable)

Processing Speed

Approximately 6 notes/second
(.166 seconds/note)

Validation Method

Multiple wavelength optical
with full image scanning

Magnetic

Diagnostic Indicators

Full color status LED via bezel and
return tray

BAU diagnostic LED's

Escrow

NA

Protocol

JCM proprietary

Protocol Interface

USB 2.0 or RS232

Supply Voltage

24VDC (±10%)

Current Consumption

Standby = 0.4A
Operation = 3.2A
Peak = 4.7A

Environment

Operating temperature:
+5°C to +45°C (41°F to 113°F)

Storage temperature:
-20°C to +60°C (-4°F to 140°F)

Relative operating humidity:
20% to 80% RH (non-condensed)

Relative storage humidity:
10% to 90% RH (non-condensed)

Visible light sensitivity: Avoid light
on the banknote insertion/return
slots having an Illumination index of
3000 Lux or less, and if warm color
incandescent light range radiant of
0 to 45 degrees from all sides, or if
light from a mercury lamp a radiant
angle between 10 to 85 degrees

Installation: Indoors only (built-in)
fixture material/shape must endure
55kg weight without distortion

Weight

Approximately 17kg (37.48lbs.)
Mounting: Built-in

